

The Global Land Information System (GLIS) is an online, interactive source for information about the Earth's land surface. The system and accompanying inventory information are available free of charge through any of the two interfaces described below.

WWW Interface

The World Wide Web (WWW) interface features graphic, forms, and image browse functions including:

- Graphic area selection
- Graphic coverage display
- Inventory browse
- Detailed figures

To gain access to Web GLIS, use any HTML 3.0 compliant Web browser to access the system at

<URL: <http://edcwww.cr.usgs.gov/webglis/>>

X-Terminal Interface

The X-terminal interface features graphic window functions, including:

- Graphic area selection
- Graphic coverage display
- Inventory browse
- Guide figures

To gain access to this interface, run the X-GLIS client on the EROS machine or download the client software and run it from your workstation.

Versions of the X-GLIS client software are available for the following Unix operation systems:

- Sun Solaris
- Data General UX
- Silicon Graphics Inc. IRIX

Requirements to run the client software on a local workstation include using X11 release 4 or greater; an X display device that supports 8-bit color and has screen dimensions of at least 1,024 x 768 pixels; a connection to Internet with the ability to connect to xglis.cr.usgs.gov (152.61.192.37); and a GLIS directory with a minimum 20 megabytes of hard disk for software. Additional space is required for user-generated files.

The X-GLIS client software can be obtained by following these procedures:

- FTP to edcftp.cr.usgs.gov
Log in as "anonymous" with your e-mail address as the password.
- Change to the /pub/software/xglis directory.
- Change to the desired version (DG, SOLARIS or SGI) directory.
- Set for binary mode by typing the word "binary." Download three files, README (X-GLIS installation instructions), install.xglis, and xglis.tar.Z, using the "mget *" statement.

Network X-GLIS Software

A network connection from an X-terminal requires an X-display running X11 or greater that supports 8-bit color, has a screen dimension of at least 1,024 x 768 pixels, and a connection to Internet with the ability to connect to xglis.cr.usgs.gov. Internet users will be prompted for the IP network address of their X-display.

Use the xhost client and add the X-GLIS host (example: [xhost + xglis.cr.usgs.gov](http://xglis.cr.usgs.gov)) to the list of machines allowed to make connections to your X-server.

Telnet into X-GLIS using the address: xglis.cr.usgs.gov

Sign into GLIS and enter your IP display name. The application will use the DISPLAY environment variable as the default. Enter the screen number (0 in most cases) after the address. (Example: <(default)>:xdisplayaddress:0.)

Running an X-emulator from a PC or Macintosh may require changing the screen dimensions to 1,024 x 768 pixels to view all X-GLIS windows within the same display area.

Information

For more information about GLIS and how to obtain GLIS software, or for assistance, contact:

U.S. Geological Survey
EROS Data Center
GLIS User Assistance
Sioux Falls, SD 57198
1-800-252-4547
E-mail: glis@glis.cr.usgs.gov

For information on other USGS products and services call, 1-800-USA-MAPS, e-mail esicmail@usgs.gov, or fax 703-648-5548.

Receive information from the EARTHFAX fax-on-demand system, which is available 24 hours a day at 703-648-4888.

The address for the USGS home page is <URL: <http://www.usgs.gov/>>